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SUGAR REPORTS

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MARKET REVIEW

The Secretary of Agriculture on Dec. 4, 1970 determined that 10.9 million short tons, raw value, of sugar would be needed to meet the requirements of consumers in the continental United States during calendar year 1971. The press release announcing the action appears herein beginning on Page 7. The full text of the Secretary's determination was published in the Dec. 11, 1970 Federal Register.

Preliminary reports of inventories of raw and refined sugar held by all primary distributors on Nov. 28, 1970 totaled 2,182,000 short tons, raw value. This was 768,000 tons more than at the end of October but 125,000 tons less than at the end of November a year ago. Both beet and cane sugar processors' stocks showed improvement over those of a month ago reflecting the harvest of the crops currently in progress. Cane sugar refiners' stocks increased 195,000 tons during November and on Nov. 28 totaled 870,000 tons, or 20,000 tons less than at the end of November of last year. On Nov. 28 beet processors reported stocks of 1,157,000 tons on hand compared with 696,000 tons a month earlier and 1,156,000 tons on Nov. 30 last year.

Sales of sugar during calendar year 1970 continue to exceed last year's although at a declining rate and deliveries reported during October were slightly below those of October 1969. According to preliminary reports, sales by primary distributors through Dec. 19 totaled 10,823,000 short tons, raw value, compared with 10,284,000 tons during the same period of last year. Inclusion of constructive deliveries in the year of actual delivery would bring total physical deliveries in the 1970 period to 10,863,000 tons, or 362,000 tons more than physically delivered in the same period of 1969.

Reported deliveries through Dec. 19 of this year account for about 93 percent of the consumption requirements established for the year. In 1969 and 1968, on the comparable date, 95 percent and 94 percent, respectively, of the annual requirements estimated for those years had been delivered.

Cane sugar refiners reported distribution of 7,175,000 tons through Dec. 12, 1970 or 280,000 tons more than during the comparable period last year but 73,000 tons less than during that period of 1968. Beet sugar processors reported deliveries of 3,259,000 tons

through Dec. 12, or 258,000 tons and 561,000 tons more than during those periods of 1969 and 1968.

Reported deliveries of refined sugar by regions during the first ten months of 1970 were 5.7 percent above those of the similar months of last year. All five of the geographical regions received more sugar - - the North Central region was up the most--8.2 percent--followed by the West up 4.9 percent, the South up 4.7 percent, the mid-Atlantic up 4.4 percent and the New England up 1.2 percent.

Deliveries of sugar were larger during the first ten months of 1970 to 40 states and smaller to ten. In eight states deliveries during the 1970 period exceeded those of the similar 1969 period by more than 500,000 hundredweight. Illinois had the largest reported increase of any of the states--up 1,819,000 hundredweight--followed by California up 797,000, Ohio up 652,000 and Michigan up 644,000 hundredweight. Of the 10 states reporting smaller deliveries in the 1970 period Georgia received 77,000 hundredweight less and the remaining nine states received in the range of 27,000 hundredweight less in Idaho to 1,000 hundredweight less in Vermont and Alaska.

Deliveries of sugar reported to processors of food, beverages and other products during the first three quarters of 1970 were 7.7 percent above those of the first three quarters of 1969 while deliveries for consumption in the homes and institutions increased 8.0 percent. Four of the six food processing groups received more sugar during the 1970 period, with deliveries to beverage manufacturers up the most--13.1 percent. Bakery, cereals and allied products had the next largest increase--11.2 percent, followed by confectionery and related products up 8.3 percent and ice cream and dairy products up 3.0 percent. Deliveries for use in unclassified food products were down 5.4 percent and for use in canned products, down 1.8 percent, while deliveries for use in industrial non-food products increased 17.0 percent. Two of the four non-industrial categories received more sugar in the first three quarters of 1970 than in those quarters of 1969. Deliveries to retail grocers increased the most, up 12.0 percent while deliveries to wholesalers were up 6.9 percent. Hotels, restaurants and institutions received 5.2 percent less sugar in the 1970 quarters and deliveries to all other non-industrial type users were down 3.3 percent.

Deliveries of sugar in consumer-size packages (less than 50 pounds) by all primary distributors during the first three quarters of 1970 were up 3.9 percent as compared with that period of 1969. Increases occurred in all of the geographical regions ranging from 8.3 percent in the North Central region to 2.3 percent in the mid-Atlantic and South. Beet sugar deliveries in consumer-size packages increased 29.2 percent compared with a decrease of 1.3 percent for cane sugar. The proportions of total consumer-size package deliveries in the first three quarters of 1970 were 79 percent cane sugar and 21 percent beet.

Deliveries of liquid sugar, both beet and cane, by primary distributors during the first three quarters of 1970 were up 6.2 percent as compared with the same period of 1969; deliveries of liquid beet sugar which accounted for about 23 percent of all liquid sugar delivered during the period, increased 14.9 percent while deliveries of liquid cane sugar increased 3.8 percent.

Deliveries of bulk granulated sugar, both **beet and cane**, by primary distributors during the first three quarters of 1970 were up 11.5 percent as compared with that period of last year; deliveries of bulk cane sugar, which accounted for 54 percent of all bulk sugar delivered during the period, increased 16.9 percent while deliveries of bulk beet sugar increased 5.6 percent.

Sales of dextrose by primary distributors during the first three quarters of 1970 increased 1.4 percent. Sales to industrial users, which accounted for 97 percent of all dextrose sales reported, increased 1.9 percent and sales to non-industrial users decreased 13.2 percent. Four of the seven industrial type users received more dextrose in the three quarters of 1970 as compared with 1969; three received less. Those with increases were: multiple and unclassified food uses up 21.4 percent, manufacturers of beverages up 12.2 percent, non-food products up 5.5 percent and manufacturers of ice cream and dairy products up 3.0 percent.

The Crop Reporting Board of the Department of Agriculture reported on Dec. 18, 1970 that a sugarcane crop of 24.3 million tons would be harvested on the mainland and in Hawaii this year. This would be 12 percent more than the 21.7 million tons harvested last year. Yields of cane per acre are expected to average 43.9 tons up from last year's yield of 43.2 tons.

In Louisiana, where harvest was slowed by considerable lodging of the cane as a result of excessive rainfall during late summer and early fall, harvest was about 60 percent complete on Dec. 1. The Crop Reporting Board also reported that conditions generally favored the development of cane in Florida, that harvest weather had been good and no apparent freeze damage had been reported.

Weather conditions in Hawaii were reported as favorable throughout 1970, except for a prolonged dry spell extending from April through October. The crop was not seriously damaged because irrigation water supplies were ample. Hawaiian sugar production for the year through Dec. 12 totaled 1,157,637 tons, ⁹⁶⁶ basis, with four mills still grinding. This compares with the production of 1,176,635 tons through Dec. 13 last year.

Production of sugarbeets in 1970, according to the Crop Reporting Board, is expected to total nearly 26 million tons of beets, six percent less than the record 1969 crop, but two percent more than the 1968 crop.

On Dec. 16, a cane sugar refiner announced that they were initiating a contract offering industrial grades of sugar in 100 - pound bags for January-February 1971 shipment in the Northeast region at .15 cent per pound above prices currently in effect on contracts expiring Dec. 31, 1970. Other interested sellers promptly followed with offers of similar price import.

Price quotations for refined sugar sold in the basis pack -- 100 pound paper bags -- have remained relatively steady during the last three months. There were indications, however, that in certain areas orders were being accepted for industrial sugars at prices considerably below list.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack by regions. Significant variations of actual prices from the quoted prices may be found in certain areas reflecting competitive conditions.

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100-pound paper bags</u>	
Northeast	12.20	
Southeast	11.65	
Gulf	11.15/11.40	
Eastern beet		11.45
Chicago-west	11.45	11.45
Lower Pacific	11.20	11.20
Northwest Intermountain	11.20	11.20

The U.S. average retail price for refined sugar sold in 5-pound paper bags was 13.34 cents per pound during November up from 13.22 cents in October and from 12.48 cents in November of last year. For the January-November 1970 period the retail price averaged 12.93 cents per pound or 4.4 percent above the average for the first 11 months of 1969.

The quotation for raw sugar duty paid and delivered to New York, as quoted by the "Spot Committee" of the New York Coffee and Sugar Exchange averaged 7.96 cents per pound during November, down from 8.14 cents in October, but up from 7.9 cents in November a year ago. The quotation had been declining since early September when it was 8.20 cents per pound. By the end of September the quotation had fallen to 8.14 cents, by the end of October to 8.10 cents and by the end of November to 7.75 cents per pound, where it remained until Dec. 8 when it strengthened to 7.90 cents per pound. The quotation continued to strengthen rising to 7.95 cents on Dec. 9, to 8.00 cents on Dec. 10, to 8.10 cents on Dec. 11 and to 8.15 cents per pound on Dec. 23. On Dec. 23 the quotation was 8.15 cents and for the period Dec. 1-23 averaged 7.97 cents per pound compared with 7.69 cents during this period of last year.

The spot price for World sugar f.o.b., bagged and stowed at Greater Caribbean ports, including Brazil (No. 8 Contract), as quoted on the New York Coffee and Sugar Exchange, averaged 4.18 cents per pound during November. This was the highest monthly average of the World price quotation since August 1964 when it was 4.37 cents per pound. The quotation for World sugar has followed a strong note throughout 1970, averaging 3.12 cents per pound in January, and rising each month through November. For the period January-November 1970, the quotation averaged 3.71 cents compared with 3.42 cents per pound during those months of last year. World sugar weakened slightly in December, falling from a quotation of 4.15 cents on Dec. 1 to 4.08 cents on Dec. 2.

The quotation has since strengthened, rising to 4.13 cents on Dec. 15 to 4.15 cents on Dec. 21, and to 4.28 cents per pound on Dec. 23. For the period Dec. 1-23 the quotation averaged 4.12 cents compared with an average of 2.86 cents per pound during the same period last year.

The "spot" quotation for World sugar sold under the No. 11 Contract (stowed bulk basis) averaged 4.11 cents per pound in November, up from 3.92 cents in October. The Board of Managers of the New York Coffee and Sugar Exchange initiated the No. 11 (bulk) Contract on May 5, 1970 to replace the No. 8 Contract which will be phased out at year-end 1970. At the outset the difference in the quotations under the two contracts, which primarily represents the costs of bags and bagging, ranged from an average of .10 cent per pound in May to .06 cent per pound in July and August. During September, October and November the No. 11 Contract quotation averaged .07 cent below that of the No. 8 Contract.

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESSugar Requirements for 1971 Announced

The U. S. Department of Agriculture on Dec. 4, 1970 announced its determination of 1971 sugar quotas. The order differs in two important respects from the proposal of Nov. 9 (Press Release USDA 3463-70). First, imports will be restricted for the second quarter as well as for the first quarter; second, the limit on first quarter importations has been reduced by 50,000 tons.

Sugar requirements of consumers in the continental United States for calendar year 1971 were estimated at 10.9 million tons; quotas for domestic areas and foreign countries totaling that quantity were established and importations of raw sugar within the quotas of foreign countries before July 1, 1971 were limited to 2.2 million tons. Of that quantity, importations before April 1 may not exceed the sum of 750,000 tons and the small quantity of 1971 quota raw sugar (estimated as 45,000 tons) imported this year for refining and storage.

The changes from the proposal were made after carefully considering the briefs submitted by all interested persons and in the light of the recent trend of raw sugar prices. The raw sugar price guide in Section 201 of the Sugar Act is now 8.37 cents per pound. The actual price of raw sugar at the time of the proposal was 8.05 cents and has since declined to 7.75 cents per pound. This action was taken in recognition of the disparity between raw sugar prices and the statutory guide and also the apparent desire of cane sugar refiners to carry smaller inventories.

Views received in response to the proposed determination for 1971 in a general way may be summarized as follows:

All but one of the briefs submitted by domestic sugarcane and sugar-beet grower and processor groups either stated that the proposed level of annual requirements was too high or recommended a specific lower level. That one agreed with the level provided that the limitation on imports during the first quarter was reduced. All but two recommended limitations on first quarter importations and at a lower level than proposed. Four of the groups recommended that imports during the second quarter also be limited.

Cane sugar refiners recommended removal of limitations on imports of raw cane sugar during the first quarter and prompt reallocation of deficits. In addition, one refiner recommended the establishment of requirements at 11.2 million tons.

Industrial sugar users generally favored an 11.3 million ton or higher requirements level; immediate reallocation of prospective deficits in area and country quotas; and elimination of first quarter limitations on imports of raw cane sugar or that such limitations be raised to at least 950,000 tons.

Industrial sugar users generally indicated that sugar prices resulting from the Department's level of proposed sugar requirements and the first quarter import limitation would be inflationary while processors and grower groups emphasized that action must be taken to correct the current low level of raw sugar prices and the wide disparity between such prices and the price guide of Section 201 of the Act.

Quarterly importations would be apportioned among individual countries within their annual quotas in ratio to average importations during the respective quarters of 1968-70 but with provision for a minimum of 5,000 tons for any country in each of the first two quarters. Second priority would provide up to 20 percent of the annual quota in the first quarter and up to 50 percent in the first half, subject, however, to availability for allocation of quantities after allocation based on the first priority.

Requirements for 1970 were initially determined at 10.8 million tons with authorized imports during the first quarter limited to the sum of 800,000 tons and the quantity imported during the previous year for refining and storage. There were no limits on second quarter imports. The final adjusted determination for 1970 was 11.6 million tons with actual imports during the first quarter of 1,063,000 tons.

Details concerning priorities for approving applications for the importation of raw sugar during the first and second quarter of 1971 are set forth in the regulation scheduled for publication in the Federal Register on Dec. 11, 1970. Copies of the regulation may be obtained from the Sugar Division, Agricultural Stabilization and Conservation Service, United States Department of Agriculture, Washington, DC. 20250. Applications for the importation of sugar or for set aside of quota for arrival during the first quarter of 1971 received on or before Dec. 15, 1970, will be considered as having been received at the same time. Applications pertaining to the second quarter received on or before Jan. 15, 1971 will be considered as having been received the same time.

The 1971 quotas for domestic areas and foreign countries and average imports of raw sugar into the continental United States, within quotas, for the first quarters and first halves of the years 1968 through 1970, inclusive, are as follows:

Production Area	Basic quotas	Temporary quotas and prorations pursuant to Sec. 202(d) 1/	Total quotas and prorations	Average imports into the United States during 1968, 1969 and 1970 2/	
				First quarter	First half
Short tons, raw value)					
Domestic beet area	3,263,333		3,263,333		
Mainland cane area	1,186,667		1,186,667		
Hawaii	1,180,000		1,180,000*		
Puerto Rico	1,140,000		1,140,000*		
Virgin Islands	15,000		15,000		
Total	6,785,000		6,785,000		
Philippines	1,126,020		1,126,020*	153,356	548,833
Mexico	229,862	246,665	476,527	161,485	418,214
Dominican Republic	224,807	241,241	466,048	146,203	384,201
Brazil	224,807	241,241	466,048	151,780	312,127
Peru	179,310	192,419	371,729	84,044	139,079
British West Indies	89,804	74,275	164,079	30,260	97,902
Ecuador	32,710	35,101	67,811	8,696	22,833
French West Indies	28,249	23,365	51,614	16,261	48,165
Argentina	27,655	29,676	57,331	30,617	51,035
Costa Rica	26,465	28,400	54,865	15,856	44,976
Nicaragua	26,465	28,400	54,865	8,062	34,000
Colombia	23,789	25,528	49,317	10,867	30,314
Guatemala	22,302	23,932	46,234	32,290	53,234
Panama	16,652	17,870	34,522*	7,275	24,311
El Salvador	16,355	17,550	33,905	21,955	33,047
Haiti	12,489	13,403	25,892	1,073	14,501
Venezuela	11,300	12,126	23,426	10,093	22,361
British Honduras	6,542	5,411	11,953	3,096	8,038
Bolivia	2,676	2,872	5,548	39	39
Honduras	2,676	2,872	5,548	5,360	5,360
Australia	107,051	87,914	194,965	3,268	3,268
Republic of China	44,604	36,631	81,235	3,418	59,631
India	42,820	35,166	77,986	2,162	37,801
South Africa	31,520	25,886	57,406	36,295	39,424
Fiji Islands	23,492	19,292	42,784	1,314	1,314
Thailand	9,813	8,059	17,872	0	0
Mauritius	9,813	8,059	17,872	594	594
Malagasy Republic	5,055	4,151	9,206	82	82
Swaziland	3,866	3,175	7,041	344	344
Ireland	5,351		5,351*		
Bahamas	10,000		10,000	2,862	6,504
Total foreign	2,624,320	1,490,680	4,115,000		
Total	9,409,320	1,490,680	10,900,000	949,007	2,441,532

^{1/} Proration of the quotas withheld from Cuba and Southern Rhodesia.

^{2/} Basic data for primary consideration in prorating quarterly import limitations among foreign countries.

* Direct-consumption limits in tons: Hawaii - 37,278; Puerto Rico - 163,500; Philippines - 59,920; Panama - 3,817; Ireland - 5,351

USDA announces approval of raw sugar imports during first quarter of 1971

The Department of Agriculture on December 16, 1970 approved applications for the importation from 21 foreign countries of 750,000 short tons, raw value, of raw sugar during the first quarter of 1971.

The importation of this quantity of sugar was **authorized** in Sugar Regulation 811 announced Dec. 4 (USDA 3733-70) and published in the Federal Register of Dec. 12.

The allocations, made pursuant to that regulation and applications received thereunder, were based on average importations from countries during the first quarter of the years 1968 through 1970, with a minimum allocation for any country established at the lesser of 5,000 short tons, raw value, or the quantity applied for.

The importations approved are additional to the quantity of 1971 quota raw sugar imported or to be imported in 1970 for refining and storage under bond -- a quantity now estimated at 35,000 tons.

The quantities requested and approved are shown in columns two and three of the accompanying table. There is also a memorandum column for the convenience of importers interested in submitting applications on or before Jan. 15, 1971, for second quarter importations. The quantities shown in column four, minus the quantity of 1971 quota sugar entered by a country this year **under bond** for refining and storage, constitute the starting points for computing the first priority for such importations.

Country	1971 quotas	Applications for first quarter importation of raw sugar		Memorandum first priority for second quarter 2/
		Received	Approved	
		Short tons, raw value		
Philippines	1,126,020	273,622	122,975	425,858
Mexico	476,527	206,000	129,493	288,721
Dominican Republic	466,048	211,150	117,239	266,962
Brazil	466,048	159,942	121,711	190,416
Peru	371,729	90,000	67,394	71,685
Br. West Indies	164,079	33,800	23,871	74,031
Ecuador	67,811	10,400	6,973	15,860
Fr. West Indies	51,614	13,000	13,000	35,165
Argentina	57,331	28,428	24,552	26,483
Costa Rica	54,865	16,480	12,715	32,261
Nicaragua	54,865	20,600	6,465	27,535
Colombia	49,317	12,240	8,714	21,600
Guatemala	46,234	30,600	25,893	27,341
Panama	34,522	10,400	5,834	18,477
El Salvador	33,905	20,800	17,606	15,441
Haiti	25,892	5,998	5,000	9,501
Venezuela	23,426	10,300	8,093	14,268
Br. Honduras	11,953	5,001	5,000	3,038
Bolivia	5,548			39
Honduras	5,548	5,202	5,000	360
Bahamas	10,000	10,400	5,000	1,504
Australia	194,965			3,268
Republic of China	81,235			59,631
India	77,986			37,801
South Africa	57,406	17,472	17,472	21,952
Fiji Islands	42,784			1,314
Thailand	17,872			
Mauritius	17,872			594
Malagasy Republic	9,206			82
Swaziland	7,041			344
Total	4,109,649 ^{1/}	1,191,835	750,000	1,691,532

1/ Excludes quotas for domestic areas and Ireland; total quotas are 10,900,000 short tons, raw value.

2/ The quantity for each individual country will be reduced by the amount of 1971 quota sugar imported in 1970 under bond for refining and storage. Quantities shown represent first half average importations 1968-70, less quantities approved for first quarter importations.

ADMINISTRATIVE ACTIONSDate announcedNature of action

December 3,
1970

Announced that an informal public hearing will be held Dec. 22 in Washington to receive views and recommendations as to whether farm proportionate shares (individual farm sugar production quotas) should be established for the 1971- 1972 sugarcane crop in Puerto Rico.

The hearing will begin at 10:00 a.m. in Room 4711 of USDA's South Building. (See Dec. 8, 1970 Federal Register).

December 11,
1970

Announced that consideration is being given to the determination of 1971 sugar requirements and quotas of 50,000 and 135,000 short tons, raw value, for local consumption in Hawaii and Rico, respectively.

During the 12-month period ended Sept. 30, 1970, the quantities of sugar distributed for consumption in Hawaii and Puerto Rico -- including that lost in refining after charge to quota -- were approximately 36,000 and 125,000 short **tons**, raw value, respectively. (See Dec. 12, 1970 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. November 1970 sugar deliveries for continental U. S. consumption 825,000 short tons, raw value (preliminary), down about 87,000 tons from October 1970 but up 27,000 tons from November 1969. January-November 1970 deliveries 10,276,000 short tons, raw value (preliminary), up 541,000 tons from January-November 1969. Final data for October 1970 deliveries 912,000 short tons, raw value-previously published preliminary as 929,000 tons.
2. Primary distributors' stocks November 28, 1970 were 2,182,000 short tons, raw value (preliminary) down 125,000 tons from a year ago, and up 768,000 tons from end October 1970. During November refiners' stocks increased by 195,000 tons, beet processors' stocks increased by 461,000 tons, mainland cane processors' stocks increased by 119,000 tons and importers of direct consumption sugar stocks decreased 6,000 tons.
3. Charges to 1970 quotas through November 30, 1970 were 10,678,604 short tons, raw value, leaving a balance of 921,396 tons to be supplied within the 11,600,000 ton total.
4. Regionally, January-October deliveries, 1970 as compared to 1969 were up in all of the 5 regions: Increases -- North Central 8.2 percent, West 4.9 percent, South 4.7 percent, mid-Atlantic 4.4 percent and New England 1.2 percent.
5. Third quarter 1970 sugar deliveries were larger to five of the seven industrial user groups than for the same 1969 quarter, and they were also larger to three of the four non-industrial buyer groups. Nationally, distribution increased 2.2 percent to industrial type buyers and declined 4.6 percent to non-industrial buyers.

Table 1.- Sugar supply and disposition by primary distributors, January-October 1970

(Short tons, raw value)

Item	Beet	Importers	Main-land cane	Refiners		Net total
	processors		processors ^{1/}	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1970</u>	1,413,235	9,904	412,114	694,885 ^{2/}	268,967 ^{2/}	2,799,105
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	133,013	0	0	8,013	141,026
b. Produced from beets or cane	2,235,118	0	423,433	13,349	7,473)	
Less deliveries to refiners	0	0	758,346	0	0	1,921,027 ^{3/}
c. Receipts of raws by refiners	0	0	0	6,187,847 ^{4/})	
Less raws melted	0	0	0	6,423,366	0)	-235,519 ^{5/}
d. Refined from raws melted	0	0	0	0	6,370,787	6,370,787
e. Adjustments	-3,234	0	-165	-90	-960	-4,449
f. Sub-total	2,231,884	133,013	-335,078	-222,260	6,385,313	8,192,872
3. <u>Net total supply</u>	3,645,119	142,917	77,036	472,625	6,654,280	10,991,977
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	2,949,078	128,672	46,338	13,824	6,313,184	9,451,096
b. Export	0	120	0	0	56,641	56,761
c. Livestock feed	0	2,251	0	142	48,043	50,436
d. Alcohol	0	0	0	0	19,721	19,721
e. Sub-total	2,949,078	131,043	46,338	13,966	6,437,589	9,578,014
5. <u>Inventory Oct. 31, 1970</u>	696,041	11,874	30,698	458,659 ^{6/}	216,691 ^{6/}	1,413,963
6. <u>Total distribution and inventory</u>	3,645,119	142,917	77,036	472,625	6,654,280	10,991,977

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

2/ Includes mainland cane sugar not charged to quota: Raws, 200,002; Refined, 23,486; Total, 223,488.

3/ Production less deliveries of raw sugar to refiners.

4/ Includes 758.6 tons received from mainland cane processors.

5/ Receipts of raw sugar by refiners less melt.

6/ Refiners' inventories include mainland cane sugar not charged to quota: Raws, 9,977; Refined, 4,259; Total, 14,236. Importers' inventory include 3,262 tons for quota exempt purposes.

Table 2.-Distribution of sugar by primary distributors, January-October 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Continental United States			
Refiners' raw	13,966	13,774	+192
Refiners' refined	6,437,589	6,206,436	+231,153
Sub-total	6,451,555	6,220,210	+231,345
Beet processors' refined	2,949,078	2,669,400	+279,678
Importers' direct consumption	131,043	134,663	-3,620
Mainland sugarcane processors'	46,338	43,902	+2,436
Total	9,578,014	9,068,175	+509,839
For: Export	56,761	74,845	-18,084
Livestock feed	50,436	38,339	+12,097
Alcohol	19,721	17,444	+2,277
Continental consumption ^{1/}	9,451,096	8,937,547	+513,549
Puerto Rico	100,000 ^{2/}	105,848	-5,848
Hawaii	30,758	29,337	+1,421

^{1/} Includes deliveries for United States military forces at home and abroad. ^{2/} Estimated.

Table 3.- Stocks of sugar held by primary distributors in the continental United States, October 31, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	458,659	486,981	-28,322
Refiners' refined	216,691	298,442	-81,751
Sub-total ^{1/}	675,350	785,423	-110,073
Beet processors' refined	696,041	768,763	-72,722
Importers' direct consumption	11,874	7,887	+3,987
Mainland sugarcane processors'	30,698	85,679	-54,981
Total	1,413,963	1,647,752	-233,789

^{1/} Included mainland cane sugar not charged to quota; 1970 - Raws, 9,977; Refined, 4,259; Total, 14,236; 1969 - Raws, 33,657; Refined, 4,964; Total, 38,621

Table 4.-Distribution of sugar by primary distributors in the continental United States, November and January-November 1970 and 1969

Item	1970 ^{1/}	1969	
	November	Jan.-Nov.	November : Jan.-Nov.
Short tons, raw value			
Refiners	589,098	7,040,653	554,140 6,774,350
Beet processors' refined	222,391	3,171,469	235,883 2,905,283
Importers' direct consumption	9,770	140,813	10,455 145,118
Mainland sugarcane processors'	4,000 ^{2/}	50,338	5,923 49,825
Total	825,259	10,403,273	806,401 9,874,576
For: Export	n.a.	56,761	3,605 78,450
Livestock feed	n.a.	50,436	3,407 41,746
Alcohol	n.a.	19,721	1,606 19,050
Continental consumption ^{3/}	825,259	10,276,355	797,783 9,735,330

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 5.-Stocks of sugar held by primary distributors in the continental United States, November 28, 1970 and November 30, 1969

Item	1970 ^{1/}	1969	Change 1969 to 1970
Short tons, raw value			
Refiners raw	644,697	592,741	+51,956
Refiners' refined	225,158	297,289	-72,131
Sub-total	869,855	890,030	-20,175
Beet processors' refined	1,156,839	1,156,390	+449
Importers' direct consumption	5,743 ^{2/}	11,524	-5,781
Mainland sugarcane processors'	150,000 ^{2/}	249,521	-99,521
Total	2,182,437	2,307,465	-125,028

^{1/} Preliminary

^{2/} Estimated

Table 6 Mainland sugar: Production and quota charges January-October 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Production</u>			
Mainland cane	443,337	411,609	+31,728
Domestic beet	2,231,884	2,055,511	+176,373
Total	2,675,221	2,467,120	+208,101
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	364,749	392,192	-27,443
For direct-consumption	8,465	9,139	-674
Louisiana processor-refiners	102,276	112,959	-10,683
Florida sugarcane processors	558,515	544,605	+13,910
Sub-total	1,034,005	1,058,895	-24,890
Beet processors	2,949,078	2,669,400	+279,678
Total	3,983,083	3,728,295	+254,788

Table 7.- Receipts of quota-exempt and over-quota sugar included in Table 8.

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>For export</u>						
Argentina	1,759				1,759	
Brazil	16,035	26,479	120	106	16,155	26,585
Colombia		6,001				6,001
Dominican Republic	21,555				21,555	
El Salvador		8,334				8,334
France	8,255				8,255	
Guatemala	5,890				5,890	
Hawaii	1,013	1,016			1,013	1,016
Honduras	3,160				3,160	
Puerto Rico	308	360			308	360
Reunion		2,140				2,140
South Africa		7,587				7,587
Total	57,975	51,917	120	106	58,095	52,023
<u>For livestock feed</u>						
Australia	8,630				8,630	
Belgium				2,396		2,396
Brazil	12,797	7,155			12,797	7,155
Canada			4		4	
Dominican Republic	12,169				12,169	
El Salvador		2,649				2,649
France				4,032		4,032
Honduras	9				9	
South Africa	16,539				16,539	
Sweden				6,501		6,501
United Kingdom			5,258		5,258	
Total	50,144	9,804	5,262	12,929	55,406	22,733
<u>For alcohol</u>						
Brazil		13,386				13,386
Colombia		5,747				5,747
Dominican Republic	6,660				6,660	
El Salvador		4,933				4,933
Total	6,660	24,066			6,660	24,066
<u>Held pending availability of quota</u>						
Argentina		3,807				3,807
Bahamas		209				209
Bolivia		75				75
British Honduras		759				759
Colombia		2,176				2,176
French West Indies	278				278	
Guatemala	2,929	2,986			2,929	2,986
Honduras	380	375			380	375
Mauritius		223				223
Mexico		5,000				5,000
South Africa	819	42			819	42
Swaziland	365				365	
Thailand	847				847	
Total	5,618	15,652			5,618	15,652
<u>In Customs Custody</u>						
Hong Kong				47		47
Reunion		9,351				9,351
Total in customs		9,351		47		9,398
GRAND TOTAL	120,397	110,790	5,382	13,082	125,779	123,872

Table 8.-Sugar receipts of refiners and importers by source of supply 1/ January-October 1970 and 1969

Source of supply	Raw sugar		Direct Consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
OFFSHORE						
Foreign						
Argentina	65,676	41,978	-	-	65,676	41,978
Australia	136,606	49,888	-	-	136,606	49,888
Bahamas	9,790	10,209	-	-	9,790	10,209
Belgium	-	-	-	2,406	-	2,406
Bolivia	-	7,700	-	-	-	7,700
Brazil	570,871	623,468	120	106	570,991	623,574
British Honduras	11,519	16,293	-	-	11,519	16,293
British West Indies	148,664	174,060	2	-	148,666	174,060
Canada	-	-	4	-	4	-
China, Republic of	67,905	69,456	-	-	67,905	69,456
Columbia	63,127	80,981	8	10	63,135	80,991
Costa Rica	69,586	65,461	-	-	69,586	65,461
Denmark	-	-	10	10	10	10
Dominican Republic	665,159	584,307	-	-	665,159	584,307
Ecuador	32,767	76,797	-	-	32,767	76,797
El Salvador	37,008	40,437	-	-	37,008	40,437
Fiji Islands	27,194	31,594	-	-	27,194	31,594
France	8,254	-	-	4,042	8,254	4,042
French West Indies	68,426	71,543	-	-	68,426	71,543
Germany, West	-	-	10	10	10	10
Guatemala	69,165	53,172	-	-	69,165	53,172
Haiti	20,433	17,419	-	-	20,433	17,419
Honduras	10,774	2,211	-	-	10,774	2,211
Hong Kong	-	-	-	46	-	46
India	54,887	55,750	5	3	54,892	55,753
Ireland	-	-	5,351	5,351	5,351	5,351
Mauritius	-	17,472	-	-	-	17,472
Mexico	643,779	643,473	-	4	643,779	643,477
Netherlands	-	-	10	10	10	10
Nicaragua	63,928	44,390	1	-	63,929	44,390
Panama	32,942	38,982	3,560	2,579	36,502	41,561
Paraguay	-	-	10	10	10	10
Peru	295,608	189,891	-	-	295,608	189,891
Philippines	1,040,512	886,115	8,462	4,194	1,048,974	890,309
Reunion	-	11,491	-	-	-	11,491
South Africa	78,051	64,435	-	-	78,051	64,435
Swaziland	7,461	-	-	-	7,461	-
Sweden	-	-	6	6,511	6	6,511
Thailand	19,758	17,564	-	-	19,758	17,564
United Kingdom	-	-	5,258	-	5,258	-
Venezuela	30,982	21,570	-	-	30,982	21,570
Total Foreign	4,350,832	4,008,107	22,817	25,292	4,373,649	4,033,399
Domestic						
Hawaii	860,095	944,635	8,013 2/	4,229 2/	868,108	948,864
Puerto Rico	216,593	211,814	110,196	105,759	326,789	317,573
Virgin Islands	0	0	0	0	0	0
Sub-total	1,076,688	1,156,449	118,209	109,988	1,194,897	1,226,437
Total all offshore	5,427,520	5,164,556	141,026	135,280	5,568,546	5,299,836
Mainland cane area	771,695	756,695	7,473 3/	6,940 3/	779,168	763,635
Acquired for reprocessing and samples	1,981	1,865	0	0	1,981	1,865
GRAND TOTAL	6,201,196	5,923,116	148,499	142,220	6,349,695	6,065,336

1/ Includes sugar as detailed in table 7.

2/ Refined sugar received by refiners.

3/ Refined sugar produced direct from cane by processor-refiner.

Source of supply	Quotas and prorations	Total charges to quotas 1/2/3/	Balances 2/
Short tons, raw value			
Domestic beet sugar	3,597,000	3,170,000	427,000
Mainland cane sugar	1,308,000	1,200,000	108,000
Hawaii	1,145,486	1,028,130	117,356
Puerto Rico	360,000 ^{4/}	349,214	10,786
Virgin Islands	0	0	0
Total	6,410,486	5,747,344	663,142
Republic of the Philippines	1,301,020	1,223,061	77,959
Argentina	78,509	67,724	10,785
Australia	206,270	194,999	11,271
Bahamas	10,000	9,998	2
Bolivia	7,599		7,599
Brazil	638,210	636,411	1,799
British Honduras	15,782	12,279	3,503
British West Indies	216,645	194,340	22,305
China, Republic of	85,946	85,946	
Colombia	67,537	65,308	2,229
Costa Rica	75,133	75,133	
Dominican Republic	678,209	669,367	8,842
Ecuador	92,860	75,519	17,341
El Salvador	46,429	46,429	
Fiji Islands	45,265	45,265	
French West Indies	68,149	68,149	
Guatemala	63,314	63,314	
Haiti	26,176	20,435	5,741
Honduras	7,599	7,599	
India	82,508	72,323	10,185
Ireland	5,351	5,350	1
Malagasy Republic	9,740	9,689	51
Mauritius	18,909	18,384	525
Mexico	652,559	649,314	3,245
Nicaragua	75,133	63,928	11,205
Panama	39,500	36,760	2,740
Peru	455,991	395,065	60,926
South Africa	60,735	60,735	
Swaziland	7,448	7,448	
Thailand	18,909	18,909	
Venezuela	32,079	32,079	
Total foreign	5,189,514	4,931,260	258,254
Grand total	11,600,000	10,678,604	921,396

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances: Hawaii, 7,908 and 31,764; Panama, 3,817 and 0; Philippines, 12,176 and 47,744; Puerto Rico, 118,793 and 55,207; Ireland, 5,350 and 1.

3/ Includes raw sugar for direct consumption: Hawaii 26; Puerto Rico 0.

4/ Despite deficits declared, the full basic quota remains available.

Table 10.- Quota-exempt and over quota sugar authorized for entry as of November 20, 1970^{1/}

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Argentina	1,759				1,759
Australia		8,630			8,630
Brazil	16,155	12,797			28,952
Canada		4			4
China, Republic of				4,161	4,161
Costa Rica				3,757	3,757
Dominican Republic	24,790	12,169	9,829		46,788
El Salvador		239		2,321	2,560
France	8,255				8,255
French West Indies				278	278
Guatemala	5,890			2,929	8,819
Honduras	3,160	9		380	3,549
Reunion	7,532				7,532
South Africa		16,539		819	17,358
Swaziland				365	365
Thailand				847	847
United Kingdom		5,258			5,258
Venezuela				1,604	1,604
Total	67,541	55,645	9,829	17,461	150,476

1/ In addition: (a) Under provisions of Sec. 212, 342 tons were entered as liquid sugar in small containers; 85 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to: Hawaii 1,013 tons; Puerto Rico 437 tons; (c) Tons of sugar in Customs custody for subsequent entry: Costa Rica 48; Hong Kong 37; Panama 24; Venezuela 182.

Table 11 - Primary distribution of sugar, continental United States, by States, October 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	124,441		3,257		127,698
Maine	44,848		953		45,801
Massachusetts	408,644	1,000	8,399		418,043
New Hampshire	38,275		2,013		40,288
Rhode Island	58,857		6,303		65,160
Vermont	-6,623				-6,623
Sub-total	668,442	1,000	20,925		690,367
Mid-Atlantic					
New Jersey	826,297	29	48,925	2,000	877,251
New York	1,333,907	36,824	51,972	4,380	1,427,083
Pennsylvania	1,069,854	16,623	39,916	3,000	1,129,393
Sub-total	3,230,058	53,476	140,813	9,380	3,433,727
North Central					
Illinois	960,134	1,097,885	2,100		2,060,119
Indiana	418,703	131,731	400		550,834
Iowa	74,234	132,075			206,309
Kansas	50,774	69,281			120,055
Michigan	294,825	344,962			639,787
Minnesota	47,439	157,979			205,418
Missouri	301,422	142,447			443,869
Nebraska	18,775	120,220			138,995
North Dakota	2,004	19,718			21,722
Ohio	664,270	175,831	400		840,501
South Dakota	737	20,994			21,731
Wisconsin	165,738	219,806			385,544
Sub-total	2,999,055	2,632,929	2,900		5,634,884
Southern					
Alabama	204,152			450	204,602
Arkansas	95,803	12,400			108,203
Delaware	151,228		1,200		152,428
District of Columbia	66,495				66,495
Florida	341,276			56,204	397,480
Georgia	599,056			1,597	600,653
Kentucky	178,562	-5,720			172,842
Louisiana	280,828			1,986	282,814
Maryland	457,532		17,775		475,307
Mississippi	122,960			200	123,160
North Carolina	338,606		2,806		341,412
Oklahoma	113,383	29,269			142,652
South Carolina	156,180		382		156,562
Tennessee	348,967		440		349,407
Texas	718,246	124,705		450	843,401
Virginia	247,571		10,068	3,000	260,639
West Virginia	94,692	800	1,200		96,692
Sub-total	4,515,537	161,454	33,871	63,887	4,774,749
Western					
Alaska	1,793	5,144			6,937
Arizona	28,504	51,850			80,354
California	668,532	1,079,572	22,400		1,770,504
Colorado	23,018	121,384		3	144,405
Idaho	4,967	21,600			26,567
Montana	6,304	23,194			29,498
Nevada	3,862	6,986			10,848
New Mexico	4,883	18,083			22,966
Oregon	71,465	114,986			186,451
Utah	16,263	43,922			60,185
Washington	98,975	175,446			274,421
Wyoming	3,140	7,115			10,255
Sub-total	931,706	1,669,282	22,400	3	2,623,391
Grand total	12,344,798	4,518,141	220,909	73,270	17,157,118

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12 - Primary distribution of sugar, continental United States, by States, January-October 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	1,079,678	23,670	47,288	200	1,150,836
Maine	431,865	23,731	8,304		463,900
Massachusetts	4,308,926	148,888	67,090	1,200	4,526,104
New Hampshire	302,666	2,185	9,498		314,349
Rhode Island	309,298	31,575	28,729		369,602
Vermont	189,056	11,103			200,159
Sub-total	6,621,489	241,152	160,909	1,400	7,024,950
Mid-Atlantic					
New Jersey	8,019,908	11,938	619,065	3,200	8,654,111
New York	13,023,710	394,150	623,147	4,380	14,045,387
Pennsylvania	10,911,449	224,222	467,627	3,000	11,606,298
Sub-total	31,955,067	630,310	1,709,839	10,580	34,305,796
North Central					
Illinois	7,386,597	13,315,167	12,700	46,900	20,761,364
Indiana	3,950,579	1,271,962	3,200		5,225,741
Iowa	534,164	1,607,927			2,142,091
Kansas	443,277	994,913		3,030	1,441,220
Michigan	3,098,787	3,642,884		1	6,741,672
Minnesota	357,112	2,261,437			2,618,549
Missouri	2,910,609	1,613,470		5,980	4,530,059
Nebraska	201,559	1,349,556			1,551,115
North Dakota	8,908	316,483			325,391
Ohio	6,862,849	2,338,805	2,400	10,000	9,214,054
South Dakota	21,886	267,175			289,061
Wisconsin	1,451,328	2,345,311			3,796,639
Sub-total	27,227,655	31,325,090	18,300	65,911	58,636,956
Southern					
Alabama	2,242,869			9,784	2,252,653
Arkansas	1,036,857	109,621		8	1,146,486
Delaware	1,655,472		2,520		1,657,992
District of Columbia	388,354		1,000		389,354
Florida	3,814,830		400	677,989	4,493,219
Georgia	5,921,935		1,680	14,193	5,937,808
Kentucky	2,024,942	1			2,024,943
Louisiana	3,337,513			25,750	3,363,263
Maryland	4,491,159	5	240,910	5,697	4,737,771
Mississippi	1,287,175			330	1,287,505
North Carolina	3,516,899		17,196	99	3,534,194
Oklahoma	1,071,589	332,271		1	1,403,861
South Carolina	1,790,406		4,347		1,794,753
Tennessee	3,491,181	-21	2,180		3,493,340
Texas	7,357,410	1,527,786	60	44,460	8,929,716
Virginia	2,602,575		81,654	5,050	2,689,279
West Virginia	771,392	12,760	11,100		795,252
Sub-total	46,802,558	1,982,423	363,047	783,361	49,931,389
Western					
Alaska	16,711	35,825			52,536
Arizona	248,253	509,599			757,852
California	4,907,312	14,186,334	87,804		19,181,450
Colorado	202,617	1,277,400		3	1,480,020
Idaho	28,180	290,475			318,655
Montana	37,648	264,092			301,740
Nevada	57,215	52,377			109,592
New Mexico	54,240	180,656			234,896
Oregon	427,004	1,472,571	13,237		1,912,812
Utah	85,216	643,241			728,457
Washington	521,810	1,969,235	51,089		2,542,134
Wyoming	20,521	62,178			82,699
Sub-total	6,606,727	20,943,983	152,130	3	27,702,843
Grand total	119,213,496	55,122,958	2,404,225	861,255	177,601,934

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Primary distribution of sugar, continental United States, by states, January-October 1970

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
New England						
Connecticut	1,080	1,021	24	25	1,151	1,124
Maine	432	425	24	36	464	463
Massachusetts	4,309	4,218	149	174	4,526	4,446
New Hampshire	303	329	2	8	314	337
Rhode Island	309	322	31	29	370	369
Vermont	189	195	11	6	200	201
Sub-total	6,622	6,510	241	278	7,025	6,940
Mid-Atlantic						
New Jersey	8,020	7,301	12	132	8,654	8,018
New York	13,024	12,516	394	573	14,045	13,787
Pennsylvania	10,911	9,856	224	700	11,606	11,044
Sub-total	31,955	29,673	630	1,405	34,305	32,849
North Central						
Illinois	7,387	7,130	13,315	11,749	20,761	18,942
Indiana	3,951	3,523	1,272	1,337	5,226	4,865
Iowa	534	579	1,608	1,464	2,142	2,043
Kansas	443	467	995	853	1,441	1,324
Michigan	3,099	2,678	3,643	3,420	6,742	6,098
Minnesota	357	368	2,262	2,078	2,619	2,452
Missouri	2,911	2,839	1,613	1,467	4,530	4,313
Nebraska	201	145	1,350	1,297	1,551	1,444
North Dakota	9	3	316	265	325	268
Ohio	6,863	6,009	2,339	2,541	9,214	8,562
South Dakota	22	17	267	268	289	286
Wisconsin	1,451	1,279	2,345	2,316	3,797	3,595
Sub-total	27,228	25,037	31,325	29,055	58,637	54,192
Southern						
Alabama	2,243	2,251			2,253	2,258
Arkansas	1,037	988	109	102	1,146	1,090
Delaware	1,655	1,490		39	1,658	1,532
District of Columbia	388	356		4	389	362
Florida	3,815	3,386			4,493	4,019
Georgia	5,922	5,997			5,938	6,015
Kentucky	2,025	1,975		55	2,025	2,030
Louisiana	3,338	3,279			3,363	3,303
Maryland	4,491	3,859		46	4,738	4,127
Mississippi	1,287	1,258			1,288	1,258
North Carolina	3,517	3,541			3,534	3,550
Oklahoma	1,072	1,029	332	392	1,404	1,423
South Carolina	1,790	1,580			1,795	1,580
Tennessee	3,491	3,466		6	3,493	3,474
Texas	7,357	6,067	1,528	2,184	8,930	8,297
Virginia	2,603	2,547		13	2,689	2,606
West Virginia	771	734	13	9	795	750
Sub-total	46,802	43,803	1,982	2,850	49,931	47,674
Western						
Alaska	17	31	36	23	53	54
Arizona	248	312	510	315	758	627
California	4,907	7,846	14,186	10,492	19,181	18,384
Colorado	203	226	1,277	1,145	1,480	1,371
Idaho	28	38	291	308	319	346
Montana	38	37	264	242	302	279
Nevada	57	87	52	34	109	121
New Mexico	54	65	181	152	235	217
Oregon	427	609	1,473	1,264	1,913	1,881
Utah	85	84	643	620	728	704
Washington	522	675	1,969	1,646	2,542	2,346
Wyoming	21	8	62	67	83	75
Sub-total	6,607	10,018	20,944	16,308	27,703	26,405
Grand total	119,214	115,041	55,122	49,896	177,602	168,060

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 14-Sugar deliveries, by type of product or business of buyer and by type of sugar, third quarter 1970 1/

Product or business of buyer	Beet	Cane	Imported	Total	Liquid sugar	
	(total)	(total)	D.C. (total)	all sugar	included in totals	
					Beet	Cane
Hundredweights 2/						
<u>Industrial</u>						
Bakery, cereal and allied products	2,891,546	4,700,507	50,020	7,642,073	458,372	669,962
Confectionery and related products	1,994,206	3,388,240	67,026	5,449,472	56,119	788,059
Ice cream and dairy products	1,260,596	1,974,049	21,988	3,256,633	596,122	1,437,249
Beverages	3,710,593	9,979,863	14,779	13,705,235	1,723,118	6,915,726
Canned, bottled, frozen foods, jams, jellies and preserves	4,086,729	2,781,204	69,872	6,937,805	2,275,279	1,405,074
Multiple and all other food uses	677,354	762,190	32,971	1,472,515	37,292	158,282
Non-food products	49,698	365,125	8,724	423,547	5,870	129,901
Sub-total	14,670,722	23,951,178	265,380	38,887,280	5,152,172	11,504,253
<u>Non-industrial</u>						
Hotels, restaurants, institutions	33,795	346,148	17,410	397,353	6,348	43,643
Wholesale grocers, jobbers, sugar dealers	4,544,416	7,640,982	235,280	12,420,678	240,783	80,180
Retail grocers, chain stores, super markets	1,512,555	5,433,760	388,111	7,334,426	35,598	59,951
All other deliveries, including deliveries to Government agencies	173,242	357,944	101	531,287	8,565	63,568
Sub-total	6,264,008	13,778,834	640,902	20,683,744	291,294	247,342
TOTAL DELIVERIES	20,934,730	37,730,012	906,282	59,571,024	5,443,466	11,751,595
Deliveries in consumer-size packages (less than 50 lbs.)	3,700,692	10,576,503	309,396	14,586,591		
Deliveries in bulk (unpackaged)	6,842,380	8,593,573		15,435,953		

1/ Represents approximately 100 percent of deliveries by primary distributors in continental United States.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 15- Sugar deliveries, by type of product or business of buyer, third quarter 1970 and percentage change from third quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	7,642,073	193,040	1,515,243	3,237,203	1,509,457	1,186,630
Confectionery and related products	5,449,472	287,478	1,951,437	1,917,815	456,617	836,125
Ice-cream and dairy products	3,256,633	180,834	531,157	1,102,643	819,809	622,190
Beverages	13,705,235	457,026	2,408,196	3,715,544	5,046,450	2,078,019
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	6,937,805	119,515	950,708	1,764,682	1,083,994	3,018,906
Multiple and all other food uses	1,472,515	108,944	129,935	702,840	290,403	240,393
Non-food products	423,547	5,680	88,898	193,787	122,048	13,134
Sub-total	38,887,280	1,352,517	7,575,574	12,635,014	9,328,778	7,995,397
<u>Non-industrial</u>						
Hotels, restaurants, institutions	397,353	25,659	97,677	27,313	167,239	79,465
Wholesale grocers, jobbers, sugar dealers	12,420,678	463,153	1,466,078	4,577,294	3,976,588	1,937,565
Retail grocers, chain stores, super markets	7,334,426	289,763	1,479,902	1,997,277	2,834,857	732,627
All other deliveries, including deliveries to Government agencies	531,287	2,266	54,281	98,238	226,523	149,979
Sub-total	20,683,744	780,841	3,097,938	6,700,122	7,205,207	2,899,636
TOTAL DELIVERIES	59,571,024	2,133,358	10,673,512	19,335,136	16,533,985	10,895,033
Percentage change from third quarter 1969						
<u>Industrial</u>						
Bakery, cereal and allied products	+13.0	-3.6	+8.6	+10.3	+0.6	+62.3
Confectionery and related products	+3.4	-11.1	+0.5	-4.1	+2.6	+49.0
Ice cream and dairy products	+4.5	+7.7	+2.5	+3.4	+0.4	+13.8
Beverages	+8.2	+19.1	+10.1	+6.6	+5.0	+15.4
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	-8.6	-19.0	-2.2	+13.1	+21.7	-24.9
Multiple and all other food uses	-35.8	-2.1	-42.5	-36.3	-2.5	-56.7
Non-food products	+24.6	+24.6	+5.7	+38.5	+13.7	+259.9
Sub-total	+2.2	+1.0	+3.4	+2.8	+5.3	-2.7
<u>Non-industrial</u>						
Hotels, restaurants, institutions	-21.4	-20.0	+29.5	-54.1	-11.2	-47.1
Wholesale grocers, jobbers, sugar dealers	+6.0	-6.9	-8.6	+16.9	+2.6	+6.1
Retail grocers, chain stores, super markets	+3.8	-8.1	+0.3	+6.3	+7.4	-2.9
All other deliveries, including deliveries to Government agencies	+9.0	-54.5	+10.1	+41.3	-0.1	+9.4
Sub-total	+4.6	-8.1	-3.3	+13.2	+4.0	+1.1
TOTAL	+3.0	-2.5	+1.4	+6.2	+4.7	-1.7

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 16.- Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) third quarter 1970

Area	Cane sugar	Beet sugar	Total
Hundredweights ^{1/}			
United States	10,885,899	3,700,692	14,586,591
New England	560,670		560,670
Middle Atlantic	2,213,971	24,733	2,238,704
North Central and West, Combined ^{2/}	2,546,380	3,626,964	6,173,344
South	5,564,878	48,995	5,613,873

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

^{2/} Combined to avoid disclosure of individual company data. Total distribution in consumer size packages in these areas: North Central, 4,042,154; West, 2,131,190.

Table 17.- Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during January-September 1970 and 1969 with comparisons

First three quarters	Region					U.S. total	Type of sugar	
	New	Middle		North			Beet	Cane
	:England	: Atlantic:	South	: Central	: West			
1,000 hundredweights ^{1/}								
(1) Total direct deliveries								
1970	6,334	30,872	45,096	52,997	25,079	160,378	50,605	109,773
1969	6,247	29,399	41,888	47,299	23,947	148,780	44,633	104,147
Change	+87	+1,473	+3,208	+5,698	+1,132	+11,598	+5,972	+5,626
(C) Consumer-size packages (granulated, less than 50 lbs.)								
1970	1,688	5,874	14,664	10,586	5,382	38,194	8,026	30,168
1969	1,649	5,741	14,330	9,774	5,281	36,775	6,212	30,563
Change	+39	+133	+334	+812	+101	+1,419	+1,814	-395
(3) Other deliveries, industrial and institutional								
1970	4,646	24,998	30,432	42,411	19,697	122,184	42,579	79,605
1969	4,598	23,658	27,558	37,525	18,666	112,005	38,421	73,584
Change	+48	+1,340	+2,874	+4,886	+1,031	+10,179	+4,158	+6,021
(3a) Bulk granulated								
1970	681	8,535	9,251	18,037	6,847	43,351	19,725	23,626
1969	697	6,727	8,270	17,261	5,934	38,889	18,681	20,208
Change	-16	+1,808	+ 981	+776	+913	+4,462	+1,044	+3,418
(3b) Liquid sugar								
1970	2,477	9,962	11,337	10,827	8,365	42,968	9,868	33,100
1969	2,316	9,685	10,375	9,717	8,375	40,468	8,592	31,876
Change	+161	+277	+962	+1,110	-10	+2,500	+1,276	+1,224
(3c) Industrial and institutional packages (granulated 50 lbs. and over)								
1970	1,488	6,501	9,844	13,547	4,485	35,865	12,986	22,879
1969	1,585	7,246	8,913	10,547	4,357	32,648	11,148	21,500
Change	-97	-745	+931	+3,000	+128	+3,217	+1,838	+1,379

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 18- Dextrose sales, by type of product or business of buyer, third quarter 1970 and percentage change from third quarter 1969

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
Hundredweights 1/						
<u>Industrial</u>						
Bakery, cereal and allied products	1,046,038	49,223	215,932	370,039	255,701	155,143
Confectionery and related products	213,093	906	108,561	89,278	8,585	5,763
Ice cream and dairy products	37,668	1,325	20,190	10,036	3,791	2,326
Beverages	299,219	7,987	124,028	70,331	68,131	28,742
Canned, bottled, frozen foods, jams, jellies preserves, etc.	235,582	8,278	52,780	109,378	28,302	36,844
Multiple and all other food uses	459,125	1,650	70,178	100,080	28,874	258,343
Non-food products	390,233	116,597	100,655	96,092	67,921	8,968
Sub-total	2,680,958	185,966	692,324	845,234	461,305	496,129
<u>Non-industrial</u> 2/	77,958	133	2,731	35,693	1,665	37,736
TOTAL SALES	2,758,916	186,099	695,055	880,927	462,970	533,865

Percentage change from third quarter 1969

<u>Industrial</u>						
Bakery, cereal and allied products	-6.3	-5.2	+4.7	-9.6	-7.3	-10.3
Confectionery and related products	-2.3	+64.1	+2.7	-5.4	+104.6	-56.6
Ice cream and dairy products	-10.6	-15.3	+19.8	-22.5	-57.3	+22.4
Beverages	+1.1	+26.7	+0.8	-8.7	-0.5	+35.9
Canned, bottled, frozen foods; jams, jellies preserves, etc.	-3.9	-8.1	-22.2	+23.5	+3.4	-29.6
Multiple and all other food uses	+35.8	-22.9	+324.2	+9.5	+6.3	+28.5
Non-food products	-1.6	+3.0	-5.8	-2.9	-0.3	-6.5
Sub-total	+1.1	+0.7	+7.7	-3.1	-3.9	+5.1
<u>Non-industrial</u>	-23.4	-89.2	+19.0	+12.6	-51.9	-40.2
Total	+0.2	+0.1	+7.7	-2.6	-4.2	-0.2

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

2/ Principally deliveries to wholesalers and retailers but also includes miscellaneous non-industrial deliveries as follows: New England, 10; Middle Atlantic, 1,499; North Central, 2,142; South, 696; West, 692; Total, 5,039

Table 19.-Sugar prices

Period	Raw cane sugar-spot price		Quota premium and discount <u>3/</u>	Refined beet sugar quoted wholesale(gross) <u>4/</u>		
	Domestic	"World"		Eastern	Chicago-West	Pacific Coast
	sugar at NY duty paid <u>1/</u>	sugar <u>2/</u>				
Cents per pound						
1965-69 Monthly average	7.26	2.26	+4.03	9.69	9.69	9.88
1968 Monthly average	7.52	1.98	+4.56	9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14
<u>1969</u>						
December	7.73	2.86	+3.87	10.35	10.35	9.81
<u>1970</u>						
January	8.11	3.12	+3.91	10.50	10.50	10.38
February	7.96	3.23	+3.61	10.58	10.58	10.50
March	7.90	3.44	+3.34	10.85	10.85	10.50
April	7.90	3.62	+3.16	10.85	10.85	10.50
May	8.16	3.75	+3.26	10.85	10.85	10.70
June	8.22	3.82	+3.25	11.20	11.20	10.70
July	8.16	3.86	+3.15	11.20	11.20	10.70
August	8.19	3.89	+3.15	11.20	11.20	10.70
September	8.16	3.93	+3.08	11.35	11.35	11.20
October	8.14	3.99	+3.00	11.45	11.45	11.20
November	7.96	4.18	+2.63	11.45	11.45	11.20
Last 12-month average	8.05	3.64	+3.28	10.99	10.99	10.67
Refined cane sugar - quoted wholesale (gross) <u>4/</u>						
	North East	South East	Gulf	Chicago-West	Pacific Coast	Retail U.S. average
Cents per pound						
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40
<u>1969</u>						
December	11.70	11.00	10.65	10.35	9.81	12.48
<u>1970</u>						
January	11.70	11.06	10.80	10.50	10.38	12.54
February	11.70	11.20	10.87	10.58	10.50	12.58
March	11.70	11.20	10.90	10.85	10.50	12.70
April	11.70	11.20	10.90	10.85	10.50	12.76
May	11.88	11.20	10.90	10.85	10.70	12.84
June	12.05	11.43	11.15	11.20	10.70	12.92
July	12.05	11.50	11.15	11.20	10.70	13.04
August	12.05	11.50	11.15	11.20	10.70	13.12
September	12.20	11.65	11.15	11.35	11.20	13.16
October	12.20	11.65	11.15	11.45	11.20	13.22
November	12.20	11.65	11.15	11.45	11.20	13.34
Last 12-month average	11.93	11.35	10.99	10.99	10.67	12.89

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5 to 9.

Table 20.- Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale North- east 1/	Dextrose New York 2/		Corn sirup New York 3/		Dextrose relative to refined sugar		Corn sirup relative to refined sugar	
		Quoted	Dry basis 4/	Quoted	Dry basis 4/	Quoted	Dry basis	Quoted	Dry basis
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
<u>1969</u>									
December	11.70	9.16	9.96	6.43	8.01	78	85	55	68
<u>1970</u>									
January	11.70	9.16	9.96	6.45	8.03	78	85	55	69
February	11.70	9.17	9.97	6.50	8.09	78	85	56	69
March	11.70	9.24	10.04	6.50	8.09	79	86	56	69
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
October	12.20	9.61	10.45	7.26	9.04	79	86	60	74
November	12.20	9.64	10.48	7.26	9.04	79	86	60	74
Last 12-month average	11.93	9.35	10.16	6.72	8.36	78	85	56	70

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964, price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 21.- Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks ^{1/}	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
<u>1969</u>				
December	574	567	269	1,413
<u>1970</u>				
January	585	475	254	1,677
February	529	290	264	1,707
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629	111	225	842
August	662	117	220	557
September	691	140	215	324
October	665	614	217 ^{2/}	696
November ^{3/}	600	685	225	1,157
Last 12-month average	629	290	254	1,150

^{1/} Includes over-quota and quota exempt.^{2/} Revised^{3/} Preliminary